

EXECUTIVE SUMMARY

Date Summary Prepared: November 1, 2006

Mine Name: Red Dome	I.D. Number: M270032
Operator: Red Dome Mining Inc.	Date Original Notice Received: 02/19/1991
Address: Red Dome Mine 5865 W 200 S Fillmore Utah 84631	County: Millard
	New/Existing: Existing and operating unpermitted mine
	Mineral Ownership: BLM
Telephone: (912) 598-7010	Surface Ownership: BLM
Contact Person: Gordon Griffin	Lease No.(s): UTU-070557
	Permit Term: Life of Mine

Life of Mine: Unknown

Legal Description: Portions of section 23 and 26, Township 21 South, Range 06 West, SLBM, Millard County, Utah

Mineral(s) to be Mined: Lava Rock

Acres to be Disturbed: 53 acres

Present Land Use: Mining

Postmining Land Use: Wildlife and Grazing

Variances from Reclamation Standards (Rule R647) Granted: None

Soils and Geology

Soil Description: Lava Flows-Shotwell complex: The Shotwell complex soil type consists of about 60% Lava Flows, 25% of the Shotwell complex and 5% inclusions of each of: Boxelder silt loam, Cloyd gravelly loam and Kessler silt loam.

Geology Description: The Red Dome cinder pit is excavated in the Ice Sprints volcanic cone. The cone is composed of Quaternary Basalt. The volcanic rock consists of basalt flows associated with volcanic cinders. This basalt is very young, perhaps only 4000 to 660 years old. All of the Basalt is considered bedrock or bedrock float and has not been transported by water.

Hydrology

Ground Water Description: Unknown, although a well exists off site and this water is piped to site.

Surface Water Description: Any surface water that falls on the lava infiltrates or evaporates.

Water Monitoring Plan: None

Ecology

Vegetation Type(s); Dominant Species: Wyoming big sagebrush(*Artemisia tridentate* var. *Wyomingensis*) 15 percent cover, Broom Snakeweed (*Gutierrezia sarothrae*) 2 percent of relative cover, and perennial grasses comprise .7 percent relative cover. Total vegetative cover is 29.7 percent; the remainder of vegetative cover was weedy annual grasses.

Percent Surrounding Vegetative Cover: Total vegetative cover is 29.7%.

Wildlife Concerns: none

Mining and Reclamation Plan Summary:

Mining has been conducted at this site since the turn of the century. Current mining operations consist of loosening the lava with a D-8 cat, scooping the material with a large pay-loader and then hauling for crushing and screening. The material is then stockpiled for future sale. No blasting is conducted. Shop buildings, a crusher, scales and an office building are the only facilities.

The Division has been attempting to obtain a mining and reclamation plan for this mine since 1991 without success. Since this is a continuing operation, instead of an approved notice of intention the Division plans to issue a permit with the following stipulations:

- Mining must adhere to the operational and reclamation practices described in the R647-4 mineral rules;
- No variances from the operational and reclamation practices in the R647-4 mineral rules are approved;
- Red Dome must comply with requirements of the Bureau of Land Management;
- Limit mining operations to the current 53 acre disturbed area;
- Additional facilities may not be constructed; and
- Red Dome must place and maintain t-posts around the perimeter of the disturbed area.

Surety

Amount: \$100,000

Form: Letter of Credit, US TRUST - 12221

Renewable Term: 5 years